

ERASTOV, V.I.

7

Carburization and intercrystalline corrosion of welded stainless steel. V. I. Erastov, *Mashinostroyeniye*, No. 1, 13-18 (1970). - Intercryst. corrosion in welds of stainless steel was traced to the carburization effect of electrode coating which contained 10% Fe-Mn of the following compn.: Mn 70.82, C 7.2, Si 2.0, P 0.25 and S 0.025%. The electrode contained 0.001% C. Welded specimens which were hardened showed no intercryst. corrosion. The intercryst. corrosion was observed only in the welding of tubes but not with sheets. This is due to the fact that in welding of sheets the rates of welding and of cooling are sufficiently high and the welded metal is hardened. The reverse is true in the welding of tubes and as a result, carbides are deposited which account for the tendency of intercryst. corrosion. B. Z. K.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

ASB-11A	ASB-11B	ASB-11C	ASB-11D	ASB-11E	ASB-11F	ASB-11G	ASB-11H	ASB-11I	ASB-11J	ASB-11K	ASB-11L	ASB-11M	ASB-11N	ASB-11O	ASB-11P	ASB-11Q	ASB-11R	ASB-11S	ASB-11T	ASB-11U	ASB-11V	ASB-11W	ASB-11X	ASB-11Y	ASB-11Z

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ERASTOV, V. I.																																																																																																							
<p>Welded seams of chromium steel. V. I. Erastov and R. B. Khmel'nitskaya. <i>Khim. Mashinostroyeniye</i>, NO. 8, 27-31 (1940). -- Exptl. data are given for obtaining high-quality welded seams in chem. app. with steel Zh-17 contg. 0.3-0.8, Mn 0.3-0.7 and Cr 16-19%. Strong welds with high chem. resistance may be obtained by using electrodes contg. C 0.14, Cr 19.56 and Ni 0.80% (steel Zh-17) and a paste contg. marble 25, CaF₂ 30, Fe-Ti (22% Ti and 2% C) 20, and Al dust 10 parts. The seams should be tempered at 700-800° in order to change from the two-phase structure of low chem. stability to single-phase structure of high chem. stability. B. Z. Kamich</p>																																																																																																							
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ERASTOV, Yu.V.

Method for the automatic regulation of laboratory resistance
furnaces. Trudy Inst. geol.i geofiz. Sib.otd. AN SSSR
no.30:315-318 '64. (MIRA 18:11)

ERASTOV, Yu.V.

Automatic regulation of the temperature of resistance furnaces.
Zav.lab. 30 no.3:317 '64. (MIRA 17:4)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

ERASTOVA, Anna NIKOLAYEVNA.

ZAYTSEVA, Nina Yakovlevna; ZYKUS, Aleksandra Ivanovna; ~~ERASTOVA~~,
Anna Nikolayevna; LEPESHKINA, N.I., redaktor; HYBIN, I.V.,
tekhnicheskiiy redaktor.

[Arithmetic lesson plans for class 5] Plany urokov po arif-
metike v 5.klasse. Moskva, Gos. uchebno-pedagog. izd-vo.
Ministerstva prosveshcheniia RSFSR, 1954, 147 p. (MLRA 8:8)
(Arithmetic--Study and teaching)

ERASTOVA, A.N.
DZIUBA, F.T.

About a manual of poor quality ("Methodological instructions for teaching arithmetic in the 5th grade." N.I.A. Zaitseva, A.I. Zykus, A.N. Erastova. Reviewed by F.T. Dziuba). Mat. v shkole no.6:69-74 H-D '54.

(MLRA 7:11)

(Arithmetic--Study and teaching) (Zaitseva, N.I.A) (Zykus, A.I.)
(Erastova, A.N.)

L 21221-66 EWT(m)/EWP(t) IJP(c) JD
ACC NR: AP6003811 SOURCE CODE: UR/0181/66/008/001/0269/0272

AUTHORS: Vinnik, M. A.; Erastova, A. P.; Saksonov, Yu. G.

ORG: none

TITLE: Investigation of the cation distribution in barium
hexaferrites 27 38 B

SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 269-272

TOPIC TAGS: barrium compound, ferrite, magnetic moment, crystal symmetry, cation, x ray analysis, saturation magnetization

ABSTRACT: The investigated substance $Ba_2Me_2^{2+}Fe_{12}^{3+}O_{22}$ (Me^{2+} stands for Co, Ni, Zn, Cu, Mg, and other metals) has exhibited in various experiments a magnetic moment which differs appreciably from those calculated theoretically by various authors under the assumption that the Me^{2+} ions are located in the spinel blocks of the ferrite structure (E. W. Gorter, Proc. IEE, 104B, Suppl. No. 5, 255, 1957). It is shown, however, that the calculated values and the experimental values

Card 1/2

L 21221-66

ACC NR: AP6003811

of the magnetic moment are in better agreement if it is assumed that Gorter's hypothesis is in error and that the Me^{2+} and Fe^{3+} are statistically distributed over the S and T blocks in both tetrahedral and octahedral positions. The cation distribution in the barium hexaferrite, obtained from the measurements of the specific saturation magnetization by the Weis method (P. Weis, Arch. sci. phys. nat. v. 29, 175, 1910) is then compared with the cation distribution obtained by x-ray structure analysis and the two are shown to be in agreement within the limits of experimental accuracy. The formulas for the cation distributions are tabulated for these ferrites with Mg, Zn, Co, Cu, Mn, and Ni. The dependence of the results on the quenching and cooling of the ferrite is briefly discussed. The data show in addition that in hexaferrites, as in spinels, the Ni^{2+} and Co^{2+} have an affinity to octahedra, while the ions Zn^{2+} and Mn^{2+} to tetrahedra. Orig. art. has: 2 formulas and 2 tables.

SUB CODE: 20/ SUBM DATE: 30Jul65/ ORIG REF: 002/ OTH REF: 004

Card 2/2 *aka*

ERASTOVA, V.M.

Characteristics of Karelian fisheries in the White Sea. Mat. po kompl.
isuch. Bel. mor. no. 1:243-251 '57. (MIRA 10:8)

1. Belomorskaya biologicheskaya stantsiya Instituta biologii
Karel'skogo filiala AN SSSR.
(White Sea--fisheries)

KUDRINSKIY, S.A.; ERASTOVA, V.M.

Biological characteristics of the spawning stock of herring
of the White Sea in the region of Ropaki Island and Gorelka
Island. Vop. ikht. no.15:33-42 '60. (MIRA 13:9)

1. Karel'skiy filial Akademii nauk SSSR.
(Onega Bay--Herring)

KUDERSKIY, L. A.; ERASTOVA, V. M.

Materials on the feeding habits of the White Sea whitefish
Coregonus lavaretus pidschian n. pidschianoides Pravdin. Vop.
ikht. 2 no.3:506-510 '62. (MIRA 15:10)

1. Karel'skiy filial Akademii nauk SSSR, Petrozavodsk.

(White Sea—Whitefishes) (Fishes—Food)

ERATOV, E.

Motion pictures in village club work with the masses. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1954. 78 p. (Biblioteka sel'skoro klubnogo rabotnika)
(55-57497)

PH1993.5.R9E68

ERATOVA, G. L.

"Changes in Herbage Related to the Age of Ash-Oak Forests," Thesis for degree of Cand. Biological Sci. Sub 23 Feb 50, Inst of Forestry, Acad Sci USSR

Summary 71, 4 Sept 52. Dissertations Presented for Degrees in Sci. and Engi. in Moscow in 1950. From Vechernyaya Moskva. Jan-Dec 1950.

ENNAN, A.A.; VARLAMOV, M.L., doktor tekhn. nauk, prof.; KOZAKOVA, L.M.;
ERAYZER, L.N.

Determining the drop contact angles and coefficients of the
drop spreading of the aqueous solutions of fluosilicic acids
and sodium fluorides. Nauch. zap. Od. politekh. inst. 40:
77-82 '62. (MIRA 17:6)

1. Predstavlena kafedroy "Tekhnologiya i avtomatizatsiya
khimicheskikh proizvodstv" Odesskogo politekhnicheskogo instituta.

ERAZIM, K.

"Standardization of the Rotation of Machine-Tool Spindles." p. 217, Praha, Vol. 4, no. 3, Mar. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

ERAZIM, K.

Measuring the geometric precision of machine tools. p. 765.
STROJIRENSTVI, Prague, Vol. 4, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EZAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

ERAZIM, K.

Setting the pitch radius of gears. p. 216.

STROJIRENSTVI Vol. 5, no. 3, Mar, 1955

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 7 July 1956

ERAZIM, K.

"Principles for measuring precision of machine tools." p. 690.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO
STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)
Praha, Czechoslovakia, Vol. 5, no. 9, Sept. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

ERAZIM, K.

0
Strojirenstvi (Machinery)
Vol. 8, nr. 3, 20. March 1958

Erazim K. International standard for
indicating geometrical shape and position
of machined surfaces on drawings.

Strojirenstvi, Vol. 8, No. 3, 1958, p. 217-219

The latest session of the ISO/TC/501 committee
which took place in May 1957 in Milan, was devoted
to the problem of indicating geometrical shape and
position of machined surfaces on drawings. The
question is to be discussed again in the next ses-
sion scheduled for March 1958. The members of
the committee have now to submit their recom-
mendations. The author compares the proposals of
ISO with the existing standards and suggests some
improvements to be introduced in final stipu-
lations.

3
1-4E26

VERTEPA, G.I.; ~~ERR, A.Y.~~ AFRAIMOVICH, I.A., inzhener, redaktor;
TIKHONOV, A.Ya., tekhnicheskii redaktor.

[Sectional broaching machine for variable cutting] Sektsionnaya
protiashka peremennogo rezaniya. Moskva, Gos.nauchn.-tekhn. izd-vo
mashinostroit. i sudostroit. lit-ry, 1954. 12 p. (Moscow, Vsesoiuz-
nyi proektno-tekhnologicheskii institut. Obmen tekhnicheskimi opytom,
no.2) [Microfilm] (MLRA 9:8)
(Broaching machines)

ERBAK, V.

Problem of congenital syphilis. Bratisl.lek.listy 31 no.3-4:406-
415 1951. (CML 20:1)

1. Of the Skin Department of the State Hospital in Rimavska Sobota.

ERBAK, V.; JILEK, M.; KUTA, Ad.

2 cases of Mibellia poroketosis (Case report contribution with an etiopathogenetic analysis). Cesk. dermat. 36 no.1:51-54 F '62.

1. Dermatovenerologické oddelenie PUNZ v Rimavskej Sobote, prednosta prim. dr. V. Erbak I. dermatovenerologická klinika University Karlovy v Praze, prednosta prof. dr. K. Gawalowski.
(SKIN diseases)

CZECHOSLOVAKIA

ERBAN, E.; HANZLICEK, L.; Psychiatric Research Institute (Vyzkumny Ustav Psychiatricky), Prague.

"The Relation of the Oxygen Quotient of Leucocytosis (Q_{O_2}) to the Severity of Mental Disorders Established on the Basis of Clinical Symptoms."

Prague, Ceskoslovenska Psychiatrie, Vol 63, No 1, Feb 67, pp 9-13

Abstract [Authors' English summary modified]: Evaluation of clinical symptoms was made by 68 experienced clinical psychiatrists, and a phenomenological rating scale for the seriousness of psychiatric symptoms was prepared on the basis of findings on 104 patients. The correlation between these findings and the oxygen content of the white blood cells Q_{O_2} (Y_o / Y) was established, and its quantitative aspects are discussed. 1 figure, 1 Table, 2 Czech references. (Manuscript received 1 Jul 66).

1/1

ERBAN, Evzen

Principles of social security and their application in the next
stage of the development of our society. Soc revue 8 no.6:241-252.

ERBAN, Evzhen [Erban, Evzen]

New social security system for agricultural workers in
Czechoslovakia. Vsem. prof. dvizh. no.10:35-37 0 '62.
(MIRA 15:11)

1. Predsedatel' Gosudarstvennogo upravleniya sotsial'nogo
obespecheniya, Chekhoslovakiya.

(Czechoslovakia--Agricultural workers)

(Czechoslovakia--Insurance, Social)

ERBAN, Evzen

Public storage buildings for goods in Hungary. Podn org
18 no.10:471-473 O '64.

1. Chairman of the State Material Reserve Administration.

ERBAN, Jiri; KUNDERA, Oldrich; HUSAK, Vaclav; KLEINBAUER, Karel

Gammagraph with background suppression. Jaderna energie 9
no.7:235-238 JI '63.

1. Ustredni dilna lekarske fakulty, Universita Palackeho;
Radioisotopove oddeleni lekarske fakulty, Universita Palackeho,
Olomouc.

L 24153-66 DIAAP

ACC NR: AP6011980

SOURCE CODE: CZ/0038/66/000/001/0025/0028

AUTHOR: Husak, Vaclav; El-inbauer, Karel; Erban, Jiri . 18

ORG: Radioisotope Division, Faculty Hospital, Olomouc (Radioisotopove oddeleni fakultni nemocnice) 13

TITLE: Possibility of absolute measurements of radioisotope activity using scintillation gamma spectrometry 14

SOURCE: Jaderna energie, no. 1, 1966, 25-28

TOPIC TAGS: scintillation spectrometer, gamma spectrometer radioisotope, radioactivity measurement

ABSTRACT: Activity measurements that are made with scintillation crystals have significant errors, which may be ascribed to slight differences in the crystals, e.g., different thicknesses in the aluminum covers or in the reflecting layers. More precise measurements were made by a method in which the analyzer channel was placed so as to include the whole photopeak. The low-energy part of the photopeak is thus included, though a small part of the Compton spectrum is neglected. Measurements can then be made within 1 or 2 percent. Measurements made on ^{137}Cs , ^{58}Co , ^{131}I , ^{198}Au , ^{203}Hg , ^{131}I , and ^{51}Cr with plane or well-type scintillation crystals or beta-gamma coincidence method are compared with standard values. The dependence of the performance of plane and well-type scintillation crystals (NaI(Tl)) on the energy of the measured activity is shown mathematically and graphically. This paper was presented by I. Bucina. Orig. art. has: 5 figures, 6 formulas, and 1 table. NA

SUB CODE: 18 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 005 2

Cord 1/1 UDC: 543.52; 539.166.07; 615.84°

MASURKA, Vladimir; NAVRATIL, Pavel; CERNOCH, Zdenek; ERBEN, Josef;
KVASNICKA, Jiri

Surgical treatment of renal hypertension. Sborn. ved. prac.
lek. fak. Karlov. Univ. 8 no.2:269-275 '65.

1. II. chirurgicka klinika (prednosta: prof. MUDr. J. Prochazka, DrSc.); Urologicka klinika (prednosta: doc. MUDr. J. Svab, CSc.); Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky, DrSc.) a I. interni klinika (prednosta: prof. MUDr. F. Cernik) Lekarske fakulty Karlovy University v Hradci Kralove.

ERBAN, Ludvik

SOURCE, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliations:

Source: Czechoslovak Hygiene, Vol V, No 2-3, Prague, Mar 60, p 171.

Data:

FORST, Jaroslav

Affiliation: Institute of Hygiene, Prague, Institute of Hematology and Blood Transfusion.

Data: Co-author of "Contribution to the Action of SO₂ on the Organism," Source, p 171.

ERBAN, Ludvik

Affiliation: Institute of Hygiene, Prague, Institute of Blood Transfusion and Hematology.

Data: Co-author of "Contribution to the Action of SO₂ on the Organism," Source, p 171.

SVAN, K.

Affiliation: Director of the Institute of Hygiene in Prague.

HODUSEK, J.

Academic degree: MD, Professor.

Affiliation: Director of the Institute of Hematology and Blood Transfusion, Prague

Bib

ERBAN, Ludvik

Influence of the long-term action of low SO₂ concentrations on the protein spectrum of the blood serum in rabbits. Cesk. hyg. 6 no.9: 555-559 0 '61.

1. Ustav hygieny, Praha.
(BLOOD PROTEINS) (AIR POLLUTION) (SULFUR toxicol)

ERBAN, L.; SOUREK, J.

The effect of long-term influence of small concentrations of SO_2 on the agglutination titer in guinea-pigs. Cesk. hyg. 7 no.7:417-421 Ag '62.

1. Ustav hygieny, Praha, Ustav epidemiologie a mikrobiologie, Praha.
(AGGLUTINATION pharmacol) (SULFUR pharmacol)

ERBAN, L.

Influence of the prolonged action of small concentrations of SO_2 on the immunoreaction of guinea pigs. Cesk. hyg. 7 no.10:588-594 D '62.

1. Ustav hygieny, Praha.

(ANTIGEN-ANTIBODY REACTIONS) (SULFUR)

BALCAROVA, O.; ERBAN, L.; PICKO, V.

CSSR

Institute for Postgraduate Medicine (Ustav pro doskolovani lekaru), Prague;
Institute for Hygiene (Ustav hygieny), Prague (for all)

Prague, Ceskoslovenska hygiena, No 1, 1963, pp 7-15

"Blood Changes in Experimental Animals Exposed to the Effect of Infraradiators"

(3)

CZECHOSLOVAKIA

L. HANZLICEK and L. ERBAN, Psychiatric Research Institute (Vyzkumny ustav psychiatricky,) Prague.

"Changes in ATP Level With Chlorpromazine Loading."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 192-193.

Abstract : Studies in 17 men, mostly schizophrenics: determine ATP and ADP blood levels, give 100 mg. chlorpromazine and retest 1, 2,, 4, 12, and 32 minutes later. Generally the levels increased when the patient was in a phase of improvement, decreased with a trend toward deterioration, changes being particularly striking during the first few minutes after chlorpromazine (i.v.) Two graphs.

1/1

BALCAROVA, C.; ERBAN, L.; PICKO, V.

Blood changes in experimental animals exposed to the effect of
infraradiators. Cesk. hyg. 8 no.1:7-15 F '63.

1. Ustav pro doskolovani lekaru, Praha. -- Ustav hygieny, Praha.
(ERYTHROCYTE COUNT) (LEUKOCYTOSIS) (PHAGOCYTOSIS)
(SERUM ALBUMIN) (SERUM GLOBULIN) (INFRARED RAYS)
(BLOOD CELL COUNT).

HANZLICEK, L.: ERBAN, L.

Changes in the level of adenosine phosphoric acids after
chlorpromazine loading. Cesk. psychiat. 60 no. 1:5-13
F '64.

1. Vyzkumny ustav psychiatricky, Praha.

*

ERBAN, L.

Changes in morphological properties of the leukocytes in patients
with schizophrenia. Preliminary report. Cesk. psychiat. 60 no.3:
145-151 Je'64

1. Vyzkumny ustav psychiatricky, Praha.

L 34707-66

ACC NR: AP6025218

SOURCE CODE: CZ/0083/65/000/004/0217/0221

AUTHOR: Erban, L. (Prague); Hanzlicek, L.--Ganzlichek, L.

ORG: Research Institute for Psychiatry, Prague (Vyzkumny ustav psychiatricky)

TITLE: Importance of the determination of the ADP/ATP ratio in psychotic states

SOURCE: Ceskoslovenska psychiatrie, ⁶¹no. 4, 1965, 217-221

TOPIC TAGS: blood chemistry, psychiatry, psychophysiology, psychoneurotic disorder

ABSTRACT: The ratio of ADP/ATP was determined in 27 hospitalized patients; 25 of the 27 patients were psychotic. Healthy subjects showed a ratio of 0.39 ± 0.32 , while the patients showed a ratio of 2.91 ± 2.79 . the absolute level of ATP in blood is not as important as the ADP/ATP ratio, which expresses the ability to use economically the energy of cells. It is possible that this ratio is of importance not only in psychoses, but also in other disorders. The authors thank Engineer Z. Mokry of the Institute of Hygiene in Prague for the statistical assistance. Orig. art. has: 2 figures and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 004

Card 1/1 *mq5*

1976 0584

I 44735-66

ACC NR: AP6032882

SOURCE CODE: CZ/0083/65/000/006/0402/0407

AUTHOR: Erban, L.; Hanzlicek, L.--Ganzlichek, L.

ORG: Psychiatric Research Institute, Prague (Vyzkumny ustav psychiatricky) 14
B

TITLE: Influence of an oxygen medium upon the survival of leucocytes in vitro in psychoses of the schizophrenic and manic-depressive group

SOURCE: Ceskoslovenska psychiatrie, ^{22/61}no. 6, 1965, 402-407

TOPIC TAGS: psychoneurotic disorder, blood

ABSTRACT: Morphological changes of leucocytes in schizophrenic patients are discussed. An 8 hour period was used as the basic period for the aging of the leucocytes; in this time span pycnosis of the cells is completed. The ratio of pycnotic cells in oxidized blood to that in unoxidized blood was determined; there is a great discrepancy in these ratios between schizophrenic patients and healthy individuals. The leucocytes of the diseased patients are not capable of utilizing the oxygen supplied to them. The authors thank E. Vackova for taking blood samples. Orig. art. has: 1 figure and 2 tables. [Based on authors' Eng. abst.] [JPRS: 34,161]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 010

mjs

Card 1/1

28828 S/169/61/000/004/003/026
A005/A130

3.2430 (1482, 1559)

AUTHORS: Emert, A.; Erbe, Kh.

TITLE: Balloon measurement of time variations of primary cosmic rays

PERIODICAL: Referativnyy zhurnal. Geofizika, no. 4, 1961, 15, abstract 4 G 88.
(Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 4, Moscow, AN SSSR, 1960, 78 - 84)

TEXT: Variations in cosmic ray intensity near the earth's surface are compared with measurement data obtained by balloons. Analysis of these data yielded values for the intensity of primary particles and for radiation flux at different atmospheric depths as a function of the intensity of the neutron component at the earth's surface. On the basis of these results and the latitude effects of the different components, the authors derived a correlation connecting the variations of primary (P), neutron (N), and hard (M) components:

$$\frac{(P - P_0) P_0 \text{ equ}}{P_0^2} = \frac{(N - N_0) N_0 \text{ equ}}{N_0^2} = \frac{(M - M_0) M_0 \text{ equ}}{M_0^2} = F(t).$$

Card 1/2

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Balloon measurement of time variations of....

28828

S/169/61/000/004/003/026
A005/A130

Here, P_0 , M_0 , N_0 are fixed quantities, and the index "equ." relates to data for the equator. Analysis of the above expression leads to the conclusion that cosmic ray variations are a consequence of a variation in energy of primary particles in the electric field.

N.K.

[Abstracter's note: Complete translation.]

LT

Card 2/2

ERBAN, Pavel, inz.

Outlook for development and renewal of electric networks.
Energetika Cz 12 no.2:70-71 F '62.

1. Ministerstvo paliv a energetiky,

KOLACEK, Frantisek; ERBAN, Pavel, inz.

Problems of the development of power engineering in Czechoslovakia.
Energetika Cz 12 no.10:505-508 0 '62.

1. Vysoka stranicka skola pri Ustrednim vyboru Komunisticke strany Ceskoslovenska (for Kolacek). 2. Ministerstvo paliv a energetiky (for Erban).

KOLACEK, Frantisek; ERBAN, Pavel, inz.

Increasing the efficiency of power resources management. Energetika
Cz 12 no.11:561-564 N '62.

KOLACEK, Frantisek; ERBAN, Pavel, ins.

Ensuring the ~~maximum~~ increase of performance with minimum sources.
(Continuation). Energetika Cz 12 no.12:618-621 D '62.

CZECHOSLOVAKIA

ERBEN, J; GROH, J; BARTOS, V; KRCH, V; KVASNICKA, J; NAVRATIL, P.

1. Chair of Internal Medicine of LF KU (Katedra vnitřního lékařství LF KU), Hradec Králové; 2. Urological Clinic of LF KU (Urologická klinika LF KU), Hradec Králové

Prague, Vnitřní lékařství, No 10, 1963, pp 990-999

"Treatment of Acute Anuria by Hemodialysis (II)."

(6)

GROH, Jindrich; KVASNICKOVA, Eva; KVASNICKA, Jiri; BARTOS, Vladimir;
ERBEN, Josef.

Determination of minerals, proteins and glycogen in muscle.
Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad.Kral.) 6
no.5 suppl.:619-621 '63

1. I. interni klinika (prednosta: prof. MUDr. F.Cernik) Kar-
lova universita v Hradci Kralove.

ERBEL', YEZHI

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35 no.2:86-90 '62.

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by J.Erbel. Mechanik 35 no.6:360 Je '62.

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Breaking of the edges in the holes between the cogs of toothed wheels. *Mechanik* 35 no.7:392-393 J1 '62.

ERBEL, Jerzy, dr. inz.

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C.Boehme, H.I.Borghardt, A.Kirberg. Reviewed by Jerzy Erbel.
Mechanik 35 no.7:409-410 J1 '62.

ERBEL, Ryszard, mgr inz. (Warsaw)

Remarks and observations concerning the first year of work
of the Arendal Shipyard. Bud okretowe Warszawa 10 no.2:60-
62, 63 F '65.

ERBEL, Stanislaw, mgr. inz.; KUCZYNSKI, Kazimierz, mgr. inz.

Hydraulic forming of sylphons. Mechanik 35 no.5:281-285 My
'62.

1. Politechnika, Warszawa.

2

CZECHOSLOVAKIA

ERNST, J.; ERCH, V.

First Internal Medicine Clinic of the Medical Faculty
of Charles University (I. vnitřní klinika lek.
fakulty KU), Hradec Králové (for both)

Brno, Vnitřní lékařství, No 5, 1963, pp 454-459

"Acute Glomerulonephritis in Old Age."

ERBEN, J.

7

CZECHOSLOVAKIA

ERBEN, J; GROH, J; BARTOS, V; KRCH, V; KVASNICKA, J; NAVRATIL,
~~P; FELIKANOVÁ, V; SEDLACKOVÁ, S.~~

1. First Internal Medicine Clinic LF KU (I. vnitřní
klinika LF KU), Hradec Králové; 2. Urological Clinic
LF KU), (Urologická klinika LF KU), Hradec Králové

Brno, Vnitřní lékařství, No 9, 1963, pp 892-899

"Our Experience with the Treatment with Hemodialysis
(I. Some Methodological Remarks, Indications and
Analysis of Complications."

CERNIK, Frantisek; REHOR, Jan; ERBEN, Josef

Coli bacillus sepsis with hepatomegaly and shock. Sborn.ved.
prac.lek.fak.Karlov.Univ. (Hrad.Kral) 6 no.3:215-217 '63.

1. I.interni klinika, Universita Karlova; prednosta: prof.
MUDr.J. Rehor.

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ERBEN, J.; BELOBRADKOVA, J.; STEFAN, H.; GROH, J.; BARTOS, V.;
KRCH, V.; KVASNICKA, J.; NAVRATIL, P.
KLAZAROVA, M., technicka spoluprace; SCHROFLOVA, A., technicka
spoluprace.

Hemodialysis in the treatment of acute uremia (III)
Cesk pediat 18 no. 3:193-199 '63.

1. Interni, detska, chirurgicka a urologicka klinika
lekarske fakulty KU v Hradci Kralove; prednostove:
doc. dr. F. Cernik, prof. dr. J. Blecha, prof.
dr. J. Prochazka, doc. dr. J. Svab
(UREMIA) (DIALYSIS) (HYPERKALEMIA) (KIDNEY, ARTIFICIAL)

KVASNICKA, Jiri; KVASNICKOVA, Eva; GROH, Jindrich; DANICKOVA, Zdena;
BARTOS, Vladimir; KREEN, Josef, Techn. spoluprace VAVROVA, Eva.

Mineral and water changes during the aging process. I. Methods
of determination of minerals in erythrocytes. Normal values.
Differences between the normal values in women and men. Sborn.
ved. prac. lek. fak. Karlov. Univ. 9 no.1:369-374 '64.

Mineral and water changes during the aging process. II. Mineral
and water changes in erythrocytes in different age groups.
Ibid.:375-381

1. I. interni klinika (prednosta: prof. MUDr. F. Cernik)
Karlovy University v Hradci Kralovo.

KRCH, Vaclav; ERBEN, Josef; GROH, Jindrich; BARTOS, Vladimir; KVASNICKA, Jiri; BALGAR, Zdenek

The course of hemodialysis in elderly patients with acute renal failure. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:397-408 '64.

1. I. interni klinika (prednosta: prof. MUDr. F. Cernik), Karlovy University v Hradci Kralove.

ERBEN, Josef

Evaluation of anuria and procedure in its treatment. Sborn.
ved. prac. lek. fak. Karlov. univ.: Suppl. 8 no.1:83-112
'65.

1. I. interni klinika (prednosta prof. MUDr. Fr. Cernik).

ERBEN, Josef

The artificial kidney and its role in the treatment of renal failure. Sborn. ved. prac. lek. fak. Karlov. univ.:Suppl. 8 no.3:291-302 '65.

1. I. interni klinika (prednosta prof. MUDr. F. Cernik).

ERBEN, K., inz.

Experience with dustfree boring (dry and wet filtration) in the ore mines of Pribram. Rudy 11 no.2:44-46 F '63.

1. Rudne doly, n.p., Pribram.

KEDROWA, Stanisława, KREBLOWA, Anna

Case of thrombopenic hemorrhagic diathesis in infectious mononucleosis.
Polski tygod. lek. 13 no. 15:564-567 14 Apr 58

1. (Z II Kliniki Chorob Zakaźnych A.M. w Warszawie: kierownik;
prof. dr med B. Kassur)
(PURPURA, THROMBOPENIC, etiol. & pathogen.
infect. mononucleosis (Pol))
(INFECTIOUS MONONUCLEOSIS, compl.
thrombopenic purpura (Pol))

ERBELOWA, Anna; ZAWADZKA, Maria

A contribution to the syndrome of toxic sensitization of luminal.
Polski tygod lek 15 no.11:399-402 14 M^o '60.

1. Z II Kliniki Chorob Zakaznych A.M. w Warszawie; kierownik:
prof. dr B. Kaseur.
(PHENOBAMBITAL toxicol.)

34688

Z/009/62/000/002/002/002

E112/E453

// 2211
15.9201

AUTHORS: Erben, F., Koudelka, J., Kovařík, B.

TITLE: Preparation of pure isoprene

PERIODICAL: Chemický průmysl, no.2, 1962, 66-69

TEXT: A two-stage process for isoprene is investigated involving: 1) reaction of paraformaldehyde with isobutylene to form 4,4-dimethyl-dioxane (1,3) (II); 2) pyrolysis of (II) over a suitable catalyst to produce isoprene (I). The process is known to produce isoprene contaminated with 1 to 4% of pentenes, which it is very difficult to separate and the aim of this paper is to find optimum conditions for the preparation of pure (I). Stage 1. Reaction of paraformaldehyde with isobutylene is carried out in presence of H_2SO_4 at $80^\circ C$. The effect of varying the concentration of H_2SO_4 was studied. Optimum quantities are 1 g H_2SO_4 per 1 mole CH_2O . Increased quantities produced tarry by-products. Heating for 10 min at $80^\circ C$ produced 70% conversion. Prolonged heating increased the yield only insignificantly. Reaction is strongly exothermic and difficult to control. Difficulties in maintaining exact reaction conditions were first

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encountered in semitechnical experiments. They were due to varying moisture content of paraformaldehyde, which caused a variation in the concentration of H_2SO_4 . Difficulties were then easily overcome by introducing necessary corrections for the H_2SO_4 concentration. Effects of H_2SO_4 -concentration on rate of reaction and effects of temperature and reaction time on the conversion of isobutylene to (II) are summarized in the form of graphs. Stage 2. Pyrolysis of (II) into (I) was studied with three catalysts: K-1 - 75% Al_2O_3 + 25% SiO_2 , activated for 8 hours at 550°C; K-2 - 38% H_3PO_4 on aluminosilicate, activated for 8 hours at 400°C; K-3 - mixture of calcium phosphates, activated for 8 hours at 400°C. Best results were obtained with K-2, effecting at 200°C a 79% conversion of (II) into (I) with a yield of 90 mole %. Disadvantages are that during reaction and regeneration of K-2, phosphoric acids are gradually washed out. Catalyst K-3 was, therefore, selected for bulk experiments. Effects of temperature on the efficiency of the catalysts are summarized in Table II, showing conversion of (II) into (I) in mole % and isoprene contents in distillation condensates. The

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Preparation of pure isoprene

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effects of temperature on conversion and on the ratio isoprene: pentenes were investigated. Since separation of isoprene from the pentenes by fractional distillation was found difficult, the authors set out to produce a raw isoprene with low pentene contents even at the cost of lower conversion figures. This was achieved with K-3 at 285 to 290°C. Results were as follows: conversion of (II) into (I), in mole %, 34 to 37%; yields of isoprene, 85 to 80%; ratio of isoprene:pentenes, 100:0.2 and 100:0.5 respectively. The material was now considered of sufficient purity to be used for polymerizations without further rectification. A chromatogram is shown (Fig.3) and its analysis after one and two rectifications is tabulated (Table V). It is concluded that the described method does not require complex plant equipment and produces isoprene of low pentene contents. Compared to other procedures, the refining of the crude materials proved simple. Semitechnical yields were 80 to 85% theory, based on 4,4-dimethyldioxane (1,3). There are 3 figures and 5 tables.

ASSOCIATION: Výzkumný ústav syntetického kaučuku, Gottwaldov
(Research Institute for Synthetic Rubber, Gottwaldov)

Card 3/5

ERBE, J. : ERBE, V.

Automatic water supply pumps with air tanks. (To be contd). p. 259

VODA (Ustredni sprava vodniho hospodarstvi)
Vol. 35, No. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEL) Library of
Congress, Vol. 6, No. 1, January 1957

KUCHERSKY, J.; HREBN, J.; MIKULE, V.

Electrometric titration of sulfonamides. Cesk. farm. 3 no.8:284-
285 Oct 54.

1. Z Kontrolního ústavu farmaceutického v Praze
(SULFONAMIDES, determination
titration, electrometric by sodium nitrite)
(NITRITES
sodium nitrite in electrometric titration of sulfonamides)

CZECHOSLOVAKIA/Human and Animal Physiology (Normal and
Pathological) Metabolism. Water and Salt Exchanges.

T-2

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50527

Author : Groh, J., Erben, J.

Inst : -

Title : The Pathogenesis of Kalium Deficiency in Idiopathic
Steatorrhea.

Orig Pub : Ceskosl. gastroenterol. a vyziva, 1957, 11, No 4, 252-
257.

Abstract : No abstract.

Card 1/1

PINSKER, P.; ERBEN, J.

Laboratory diagnosis of primary hyperparathyroidism. Cas.lek.cesk.
99 no.29:909-919 15 J1'60.

1. Interni klinika fakultni nemocnice KUNZ v Hradci Kralove,
prednosta prof. MUDr. Jan Rehor.
(PARATHYROID GLAND dis)

ERBEN, Josef; PINSKER, Premysl

Renal complications of hyperparathyroidism. Cas.lek.cesk 99 no.29:
921-924 15 J1'60.

1. Interni klinika Fakultni nemocnice KCHZ v Hradci Králové,
prednosta prof.MUDr. Jan Reher.
(PARATHYROID GLANDS dis)
(KIDNEY DISEASES etiol)

BARTOS, Vladimir; GROH, Jindrich; ERBEN, Josef; Technicka spoluprace DOBROVOLNA,
Anna; KOUBOVA, Marie; SCHROFLOVA, Alena; SEDLACKOVA, Stanislava

The diuretic value of chlorothiazide Spofa and hydrochlorothiazide
(Esidrex Ciba). Cas. Lek. Cesk. 101 no.5:129-138 2 F '62.

1. I interni klinika lekarske fakulty KU v Hradci Kralove, prednosta
prof. DrSc. MUDr. Jan Rehor.

(CHLOROTHIAZIDE)

KURES, H.; ERBEN, K.; PROCHAZKA, D.

The biological action of xenon. Cas.lek.cesk 100 no.15:466-471
14 Ap '61.

1. Ustav patologické fyziologie lek. fakulty hygienické KU v Praze.

(XENON pharmacol)

ERBEN, V.

Mechanical equipment for waterworks. (To be contd.) p. 47.
(VODA., Vol. 33, no. 2, Feb. 1953, Czechoslovakia)

SO: Monthly List of East European Accession, Vol. 2 #8, Library of Congress,
August 1953, Uncl.

BRILL, V.

"Machines Equipment of Water Towers," p. 99.
(Veda. Vol. 33, No. 4, Apr. 1953, Praha.)

SC: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September
1953, Uncl.

ERBEN, V.

"The Suction Lift of Pumping Machinery in Water Towers." p. 232 (Voda, Vol. 33,
no. 9, Sept. 1953, Praha)

SO: Monthly List of ^{East European} ~~Russian~~ ^{Accessions}, ^{Vol. 3, No. 3} Library of Congress, March ¹⁹⁵⁴ ~~1953~~, Uncl.

ERBEN, V.

"The Suction Level of Waterworks Pumps." (To be contd.) p. 266 (VODA, Vol. 33, No. 10, Oct. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

ERBEN, V.

Czechoslovakia/Chemical Technology. Chemical Products and Their Application --
Water treatment. Sewage water, I-11

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5435

Author: Erben, V.

Institution: None

Title: Use of Syphons in Water Supply Systems

Original

Publication: Voda, 1956, 35, No 2, 47-54

Abstract: No abstract

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ERBEN, V.

The siphon in water-supply engineering. p. 80.
VODA, Prague, Vol. 35, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

ERBON, V.: ERBON, J.

Automatic water-supply pumps with air tanks. (To be contd). p. 259

VODA (Ustredni sprava vodnih hospodarstvi)
Vol. 35, No. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Water Treating. Sewer Waters.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67912.

Author : Erben V.
Inst : Not given.
Title : Sand Traps.

Orig Pub: Voda, 1956, 35, No 12, 404-406.

Abstract: Described are several types of the existing sand traps (P) and their specific application. The most effective ones are Erben spiro type P, that permit catching fine particles of sand having 0.2 mm diameter at a water velocity of 1.2m/sec. Water enters P tangentially. The outlet connection is

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'CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Water Treating. Sewer Waters.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67912.

Abstract: located above the inlet connection. Pressure drop through Erben's P of the latest design is 5mm at a water velocity of 1m/sec. Comparative data pertaining to capacities of different P are given: Dorr has the lowest one (30 m³/hr.), Erben has the highest one (300 m³/hr.).

Card 2/2

ERBEN, Vladimir, inz.

Economical operation of pumping stations. Vodni hosp 13 no.8:
281-283, '63.

1. Vyzkumny ustav vodohospodarsky, Praha.

ERBEN, Vladimir, ins.

VUV-ERBO type aeration equipment. Vodni hosp 13 no.9:338 '63.

BUNDIL, Jan; ERBEN, V., inz.

Problem of economical operation of pumping stations; discussion. Vod hosp 13 no.11:433 '63.

ERDEN, Vladimir, Ing.

A new method of water aeration. Vodni hosp 15 no.2:60-61 '65.

1. Research Institute of Water Resources Management, Prague.

SEIDL, V.; ERBENOVA, M.; FALTA, S.; BLATTNY, C., jun.

Testing methods of the proliferation virus in apple trees.
Vestnik vyzk zemedel 9 no.7:345 '62.

1. Vyzkumny ustav ovocnarsky, Holovousy (for Seidl, Erbenova and Falta). 2. Vysoka skola chemicko-technologicka, Praha (for Blattny).

ERBENOVA, Marie, inz.

From the meeting of the Scientific Council of the Fruit
Research Institute in Holovousy. Vestnik vyzk
zemedel 10 no.1:36-37 '63.

ERBENOVA, Marie, inz.

Solved research tasks on fruit culture. Vest ust zemedel 10
no. 6/7:206-210 '63.

1. Vyzkumny ustav ovocnarsky, Holovousy.

TOSOVSKY,V.; ERBENOVÁ,V.; BRACHFELD,K.; STRYHAL,F.

Prevention of permanent sequelae of subdural hematoma in infants. Rozh.chir. 42 no.12:857-863 D'63.

1. Klinika detske chirurgie fakulty detskeho lekarstvi KU v Praze (prednosta: prof.dr. V.Kafka, DrSc); Traumatologicke odd.kliniky detske chirurgie fakulty detskeho lekarstvi KU v Praze (vedouci: doc.dr. V.Tosovsky, DrSc.) a Katedra fakultni detskeho lekarstvi KU v Praze (vedouci: prof.dr.J.Houstek, DrSc.).

*

ERBENOVA, Vlasta, MUDr.

Foreign bodies in the gastrointestinal tract as a cause of acute abdominal emergency. Cesk. pediat. 10 no.7:505-506 Sept 55.

1. Oddelení detské a orthopedické chirurgie DFN v Praze, primár doc. MUDr. V. Tosovsky.

(ABDOMEN, ACUTE, etiology and pathogenesis
foreign body in gastrointestinal tract in child.)

(GASTROINTESTINAL SYSTEM, foreign bodies
causing acute abdom. in child.)

(FOREIGN BODIES
gastrointestinal system, causing acute abdom. in child.)

ERBENOVA, V.

LESNY, Ivan; SYROVATKA, Augustin; TOSOVSKY, Vaclav; PISKACOVA, Anna;
ERBENOVA, Vlasta

~~Central nervous system damage in children.~~ Cas. lek. cesk.
96 no.24-25:754-757 21 June 57.

1. Oddeleni pro detskou neurologii v Praze pri neurologicke
klinice akad. K. Hennera a pri IV. detske klinice prof. Blaska
(vedouci lekar doc. dr. I. Leany) Ustav pro peci o matku a dite,
red. prof. dr. Trapl. (vedouci pediatrickeho vyzkumu prof. dr.
Kubat). Chirurgicke oddeleni detske fakultni nemocnice v Praze
2, primar doc. dr. Tosovsky. I. L., Praha 2, Katerinska 30.
(CENTRAL NERVOUS SYSTEM, wds. & inj.
in child., statist. (Cz))

TOSOVSKY, V.; ERBENKOVA, V.; VYCHYTIL, O.; ELEFANT, E.

Torsion of the spleen. Cesk. pediat. 14 no.2:167-169 5 Feb 59.

1. Klinika detske chirurgie, prednosta uoc. MUDr. ., Infima a III. detska
klinika, prednosta prof. MUDr. O. Vychytil. Dosto 14. VII. 1958.
(SPLEEN, dis.

torsion in 3-year-old boy (Cz))

TOSOVSKY, Vaclav; ERBENOVA, Vlasta; STRYHAL, Frantisek; DITTRICH, Jan

Peculiarities of the treatment of CNS injuries in children. 'Rozhl.
chir. 41 no.3:206-210 Mr '62.

1. Traumatologické oddelení detské chirurgické kliniky fakulty detského
lékarství Karlovy university v Praze, přednosta doc. MUDr. V. Tosovsky
I Klinika pro ortopedickou a detskou chirurgii fakulty detského lékařství
Karlovy university v Praze, přednosta prof. MUDr. M. Jaroš Neurologická
klinika fakulty všeobecného lékařství Karlovy university v Praze,
přednosta akademik K. Hanner.

(CENTRAL NERVOUS SYSTEM wds & inj)

ERBER, G.

Some problems of our industry for agricultural machinery.
p. 1390. Vol. 9, No. 9, 1954. TEHNIA. Beograd,
Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Librar:
of Congress, Vol. 5, No. 8, August, 1956.

ERBER, G.

Cupola operated by hot air. p. 557.
TEHNIKA, Beograd, Vol. 10, no. 4, 1955.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, no. 10, Oct. 1955,
Uncl.